

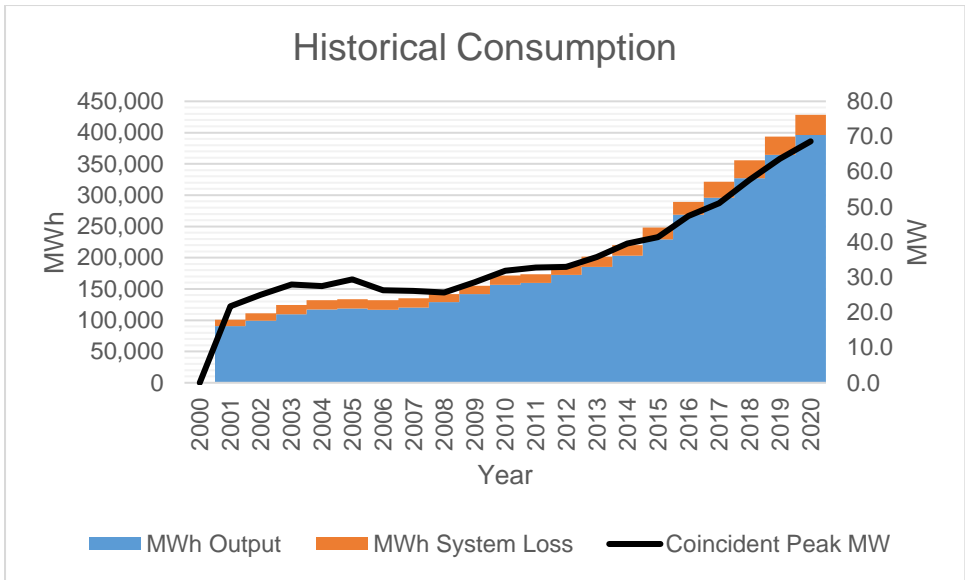
Power Supply Procurement Plan [2021 to 2030]

[TARLAC II ELECTRIC COOPERATIVE, I]

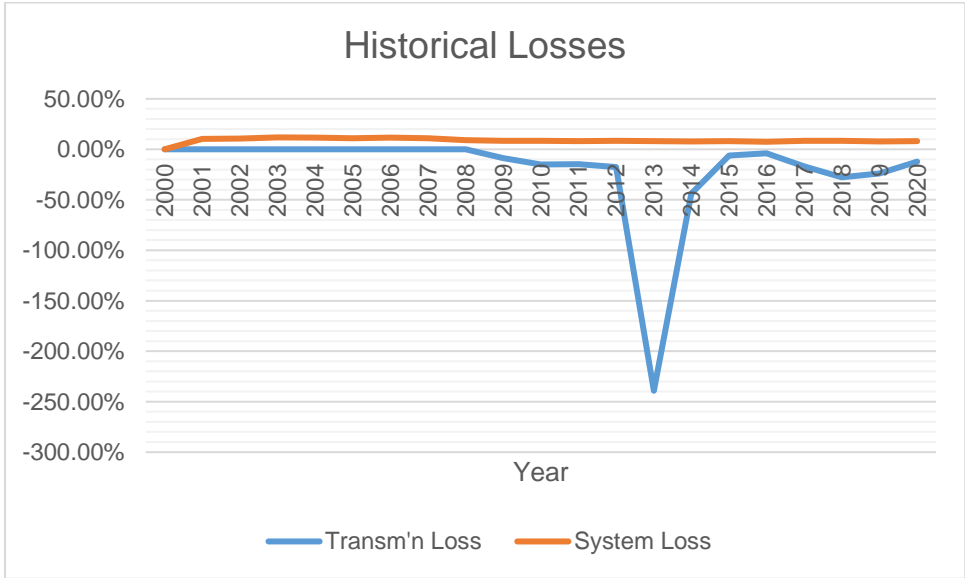
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2001	21.74	100,834	0	100,834	90,710	10,359	53%	0.23%	0.00%	10.27%
2002	25.01	110,636	0	110,636	99,134	11,734	50%	0.21%	0.00%	10.61%
2003	27.91	124,120	0	124,120	109,789	14,619	51%	0.23%	0.00%	11.78%
2004	27.50	131,959	0	131,959	117,135	15,090	55%	0.20%	0.00%	11.44%
2005	29.43	133,359	0	133,359	118,902	14,744	52%	0.21%	0.00%	11.06%
2006	26.27	131,740	0	131,740	116,826	15,174	57%	0.20%	0.00%	11.52%
2007	26.13	135,063	0	135,063	120,468	14,862	59%	0.20%	0.00%	11.00%
2008	25.67	141,580	0	141,580	129,059	12,828	63%	0.22%	0.00%	9.06%
2009	28.59	142,498	12,347	154,845	141,979	13,197	62%	0.21%	-8.66%	8.52%
2010	31.84	148,536	22,460	170,996	156,881	14,488	61%	0.22%	-15.12%	8.47%
2011	32.73	150,933	22,448	173,380	159,798	13,954	60%	0.21%	-14.87%	8.05%
2012	32.90	159,375	28,245	187,620	172,259	15,763	65%	0.21%	-17.72%	8.40%
2013	35.75	59,253	141,727	200,980	185,164	16,258	64%	0.22%	-239.19%	8.09%
2014	39.58	151,429	66,451	217,880	203,034	17,136	63%	1.05%	-43.88%	7.86%
2015	41.39	227,831	14,176	242,006	229,091	19,356	67%	2.66%	-6.22%	8.00%
2016	47.39	274,104	10,642	284,746	268,544	20,769	69%	1.60%	-3.88%	7.29%
2017	51.03	264,718	45,098	309,816	295,608	25,622	69%	3.68%	-17.04%	8.27%
2018	57.65	265,232	73,524	338,756	327,219	28,302	67%	4.95%	-27.72%	8.35%
2019	63.73	302,002	71,939	373,941	364,324	29,413	67%	5.29%	-23.82%	7.87%
2020	68.63	351,447	42,901	394,348	396,330	31,884	66%	8.59%	-12.21%	8.09%

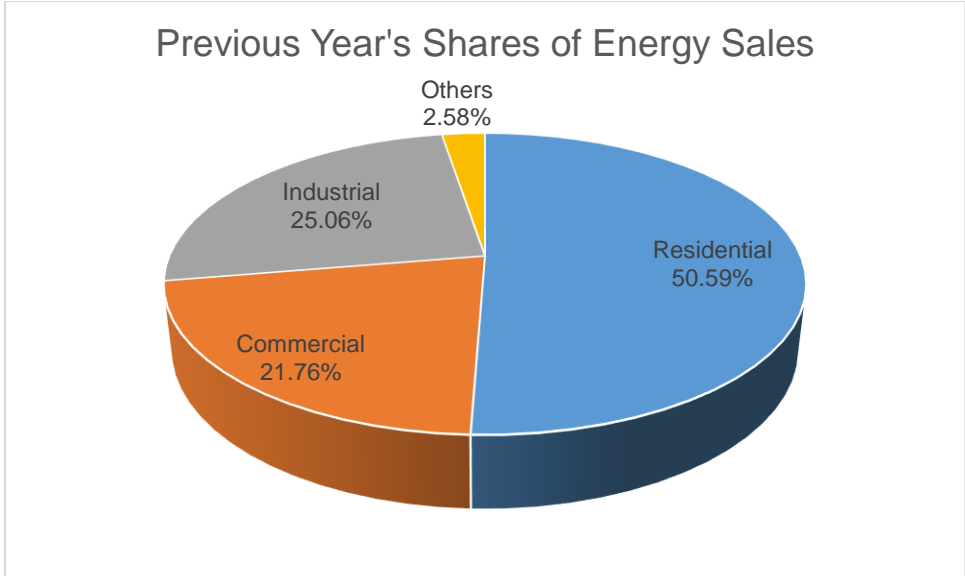
Peak Demand increased from 63.73 MW in 2019 to 68.63 MW in 2020 at a rate of 7.69 % due to high usage of mostly residential consumers because of pandemic. MWh Offtake increased from 302,002 MWh in 2019 to 351,447 MWh in 2020 at a rate of 16.37 % due to increase in consumption of mostly residential consumers. Within the same period, Load Factor ranged from 67 % to 66 %. There was an abrupt change in consumption on 2020 due to low operation of big loads.



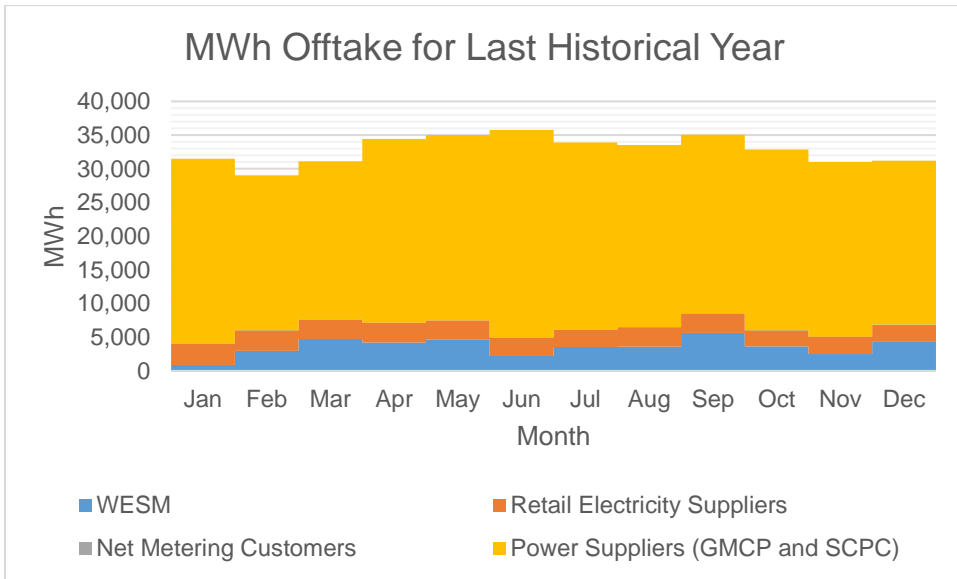
MWh Output increased from year 2019 to year 2020 at a rate of 8.79 %, while MWh System Loss increased at a rate of 8.40 % within the same period.



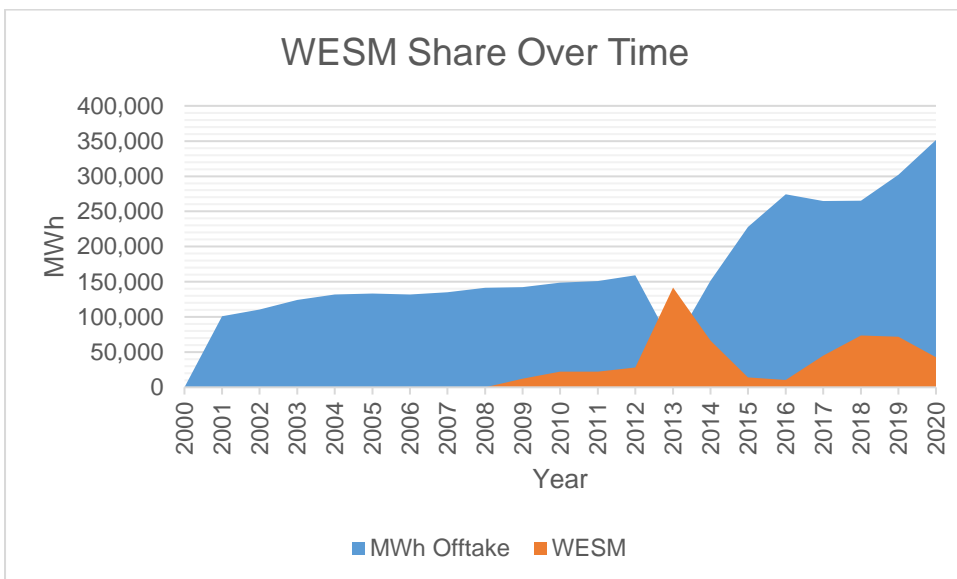
Historically, Transmission Loss ranged from 23.82% to 12.21 % while System Loss ranged from 7.87 % to 8.09 %.



Residential customers account for the bulk of energy sales at 50.59 % due to the high number of connections. In contrast, Industrial customers accounted for only 25.06 % of energy sales due to the low number of connections.

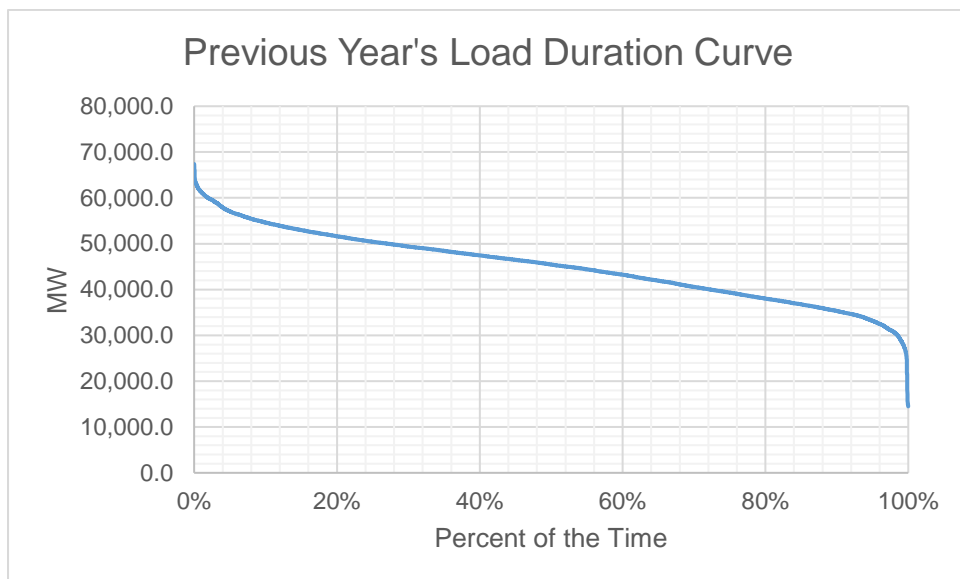


For 2020, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GMCP/GMEC accounts for the bulk of MWh Offtake.

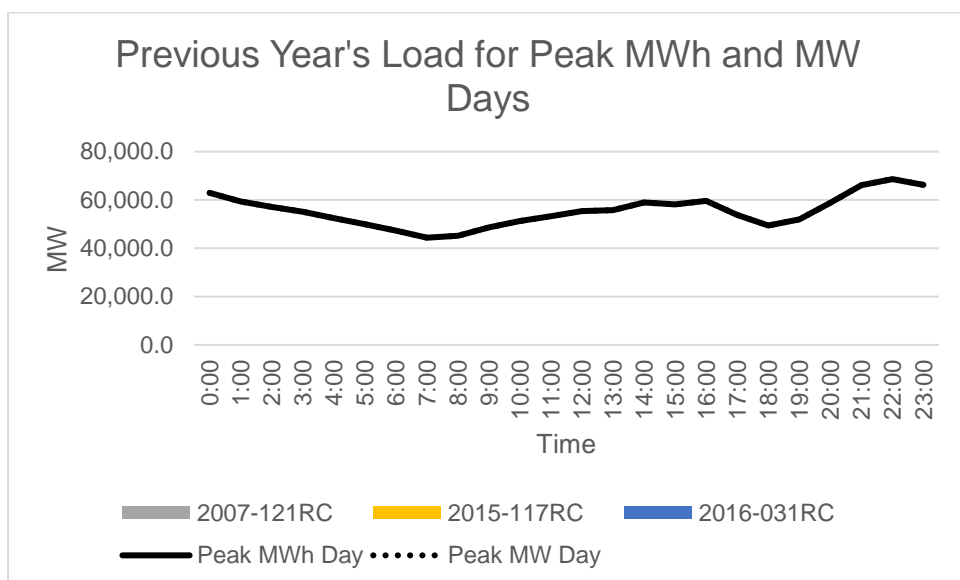


WESM Offtake decreased from 71,939 MWh in 2019 to 42,901 MWh in 2020 at a rate of -40.36 % due to temporary increase of BCQ with both power suppliers (GMCP & SCPC). The share of WESM in the total Offtake ranged from 19.24 % to 10.88 %. The net WESM transaction is negative from 2019 to 2020 because of temporary increased of BCQ.

Previous Year's Load Profile

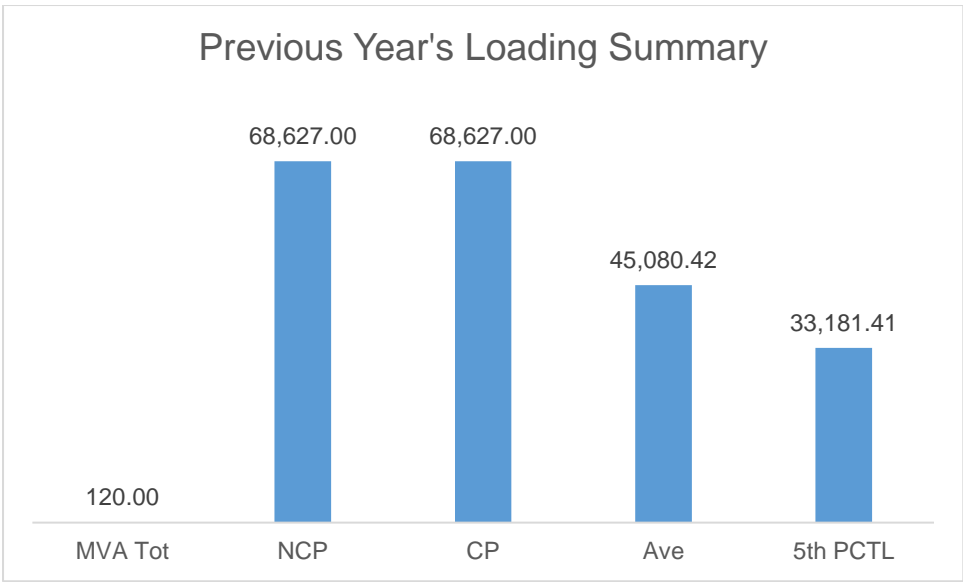


Based on the Load Duration Curve, the minimum load is 14.5 MW and the maximum load is 68.627 MW for the last historical year.



Peak MW occurred on May 2020 due to high temperature. Peak daily MWh occurred on May 2020 due to summer season. As shown in the Load Curves, the available supply is lower than the Peak Demand.

Previous Year's Loading Summary



The Non-coincident Peak Demand is 68,627 MW, which is around 57 % of the total substation capacity of 120 MVA at a power factor of 97.15%. The load factor or the ratio between the Average Load of 45.08 MW and the Non-coincident Peak Demand is 71.58 % of. A safe estimate of the true minimum load is the fifth percentile load of 33,181.41MW which is 48.35% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Totalized	120	68,627

The substations loaded at above 70% is Rizal Substation . This loading problem will be solved by installing an additional 10 MVA Substation Capacity in Zaragoza Center load by April 2021 as target date.

Forecasted Consumption Data

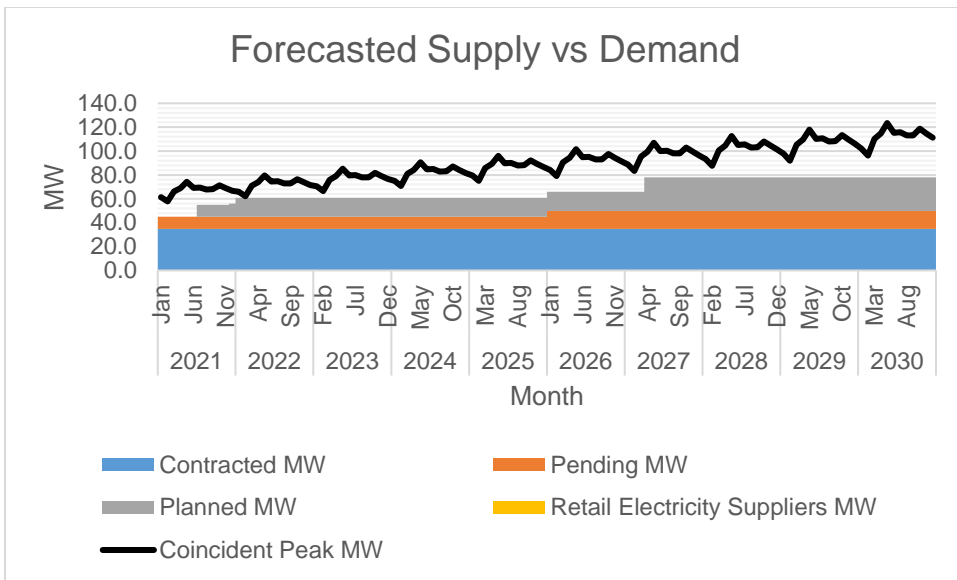
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	61.41	34.91	10.00	0.000		57%	73%	-16.50
	Feb	57.83	34.91	10.00	0.000		60%	78%	-12.92
	Mar	66.20	34.91	10.00	0.000		53%	68%	-21.29
	Apr	68.88	34.91	10.00	0.000		51%	65%	-23.97
	May	74.15	34.91	10.00	0.000		47%	61%	-29.24
	Jun	69.27	34.91	10.00	0.000		50%	65%	-24.36
	Jul	69.53	34.91	10.00	10.000		50%	79%	-14.62
	Aug	67.90	34.91	10.00	10.000		51%	81%	-12.99
	Sep	67.99	34.91	10.00	10.000		51%	81%	-13.08
	Oct	71.25	34.91	10.00	10.000		49%	77%	-16.34
	Nov	68.91	34.91	10.00	10.000		51%	80%	-14.00
	Dec	66.74	34.91	10.00	11.000		52%	84%	-10.83
2022	Jan	65.95	34.91	10.00	16.000		53%	92%	-5.04
	Feb	62.11	34.91	10.00	16.000		56%	98%	-1.20
	Mar	71.09	34.91	10.00	16.000		49%	86%	-10.18
	Apr	73.97	34.91	10.00	16.000		47%	82%	-13.06
	May	79.63	34.91	10.00	16.000		44%	76%	-18.72
	Jun	74.39	34.91	10.00	16.000		47%	82%	-13.48
	Jul	74.67	34.91	10.00	16.000		47%	82%	-13.76
	Aug	72.92	34.91	10.00	16.000		48%	84%	-12.01
	Sep	73.02	34.91	10.00	16.000		48%	83%	-12.11
	Oct	76.51	34.91	10.00	16.000		46%	80%	-15.60
	Nov	74.00	34.91	10.00	16.000		47%	82%	-13.09
	Dec	71.67	34.91	10.00	16.000		49%	85%	-10.76
2023	Jan	70.49	34.91	10.00	16.000		50%	86%	-9.58
	Feb	66.38	34.91	10.00	16.000		53%	92%	-5.47
	Mar	75.98	34.91	10.00	16.000		46%	80%	-15.07
	Apr	79.06	34.91	10.00	16.000		44%	77%	-18.15

	May	85.11	34.91	10.00	16.000		41%	72%	-24.20
	Jun	79.51	34.91	10.00	16.000		44%	77%	-18.60
	Jul	79.81	34.91	10.00	16.000		44%	76%	-18.90
	Aug	77.94	34.91	10.00	16.000		45%	78%	-17.03
	Sep	78.05	34.91	10.00	16.000		45%	78%	-17.13
	Oct	81.78	34.91	10.00	16.000		43%	74%	-20.87
	Nov	79.10	34.91	10.00	16.000		44%	77%	-18.18
	Dec	76.60	34.91	10.00	16.000		46%	80%	-15.69
2024	Jan	75.03	34.91	10.00	16.000		47%	81%	-14.11
	Feb	70.66	34.91	10.00	16.000		49%	86%	-9.75
	Mar	80.88	34.91	10.00	16.000		43%	75%	-19.96
	Apr	84.15	34.91	10.00	16.000		41%	72%	-23.24
	May	90.59	34.91	10.00	16.000		39%	67%	-29.68
	Jun	84.63	34.91	10.00	16.000		41%	72%	-23.72
	Jul	84.95	34.91	10.00	16.000		41%	72%	-24.04
	Aug	82.96	34.91	10.00	16.000		42%	73%	-22.05
	Sep	83.07	34.91	10.00	16.000		42%	73%	-22.16
	Oct	87.04	34.91	10.00	16.000		40%	70%	-26.13
	Nov	84.19	34.91	10.00	16.000		41%	72%	-23.28
	Dec	81.54	34.91	10.00	16.000		43%	75%	-20.63
2025	Jan	79.56	34.91	10.00	16.000		44%	77%	-18.65
	Feb	74.93	34.91	10.00	16.000		47%	81%	-14.02
	Mar	85.77	34.91	10.00	16.000		41%	71%	-24.86
	Apr	89.24	34.91	10.00	16.000		39%	68%	-28.33
	May	96.07	34.91	10.00	16.000		36%	63%	-35.16
	Jun	89.75	34.91	10.00	16.000		39%	68%	-28.84
	Jul	90.09	34.91	10.00	16.000		39%	68%	-29.18
	Aug	87.98	34.91	10.00	16.000		40%	69%	-27.07
	Sep	88.10	34.91	10.00	16.000		40%	69%	-27.19
	Oct	92.31	34.91	10.00	16.000		38%	66%	-31.40
	Nov	89.28	34.91	10.00	16.000		39%	68%	-28.37
	Dec	86.47	34.91	10.00	16.000		40%	70%	-25.56
2026	Jan	84.10	34.91	15.00	16.000		42%	78%	-18.19

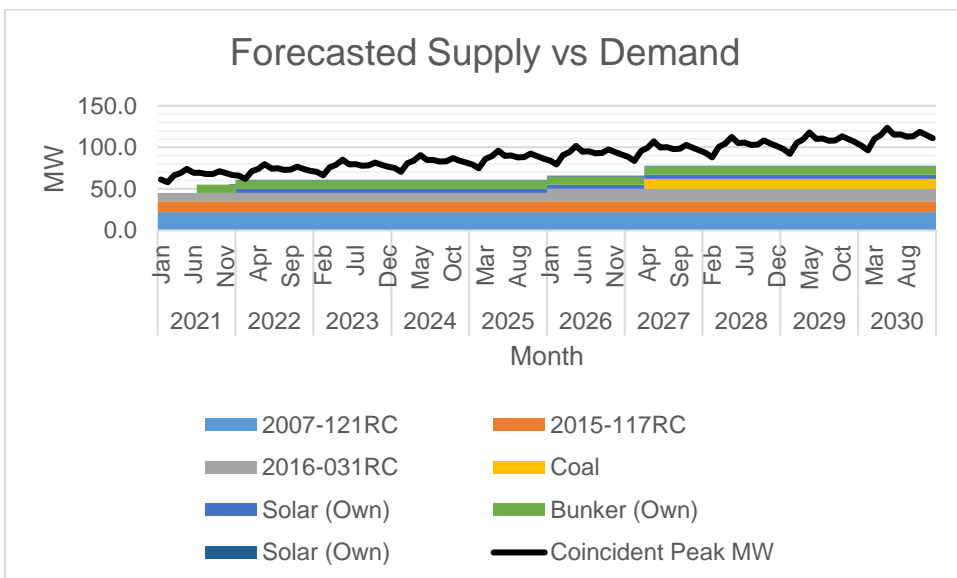
	Feb	79.21	34.91	15.00	16.000		44%	83%	-13.30
	Mar	90.66	34.91	15.00	16.000		39%	73%	-24.75
	Apr	94.33	34.91	15.00	16.000		37%	70%	-28.42
	May	101.55	34.91	15.00	16.000		34%	65%	-35.64
	Jun	94.87	34.91	15.00	16.000		37%	69%	-28.96
	Jul	95.23	34.91	15.00	16.000		37%	69%	-29.32
	Aug	93.00	34.91	15.00	16.000		38%	71%	-27.09
	Sep	93.12	34.91	15.00	16.000		37%	71%	-27.21
	Oct	97.58	34.91	15.00	16.000		36%	68%	-31.67
	Nov	94.38	34.91	15.00	16.000		37%	70%	-28.46
	Dec	91.40	34.91	15.00	16.000		38%	72%	-25.49
2027	Jan	88.64	34.91	15.00	16.000		39%	74%	-22.73
	Feb	83.48	34.91	15.00	16.000		42%	79%	-17.57
	Mar	95.55	34.91	15.00	16.000		37%	69%	-29.64
	Apr	99.42	34.91	15.00	28.000		35%	78%	-21.51
	May	107.03	34.91	15.00	28.000		33%	73%	-29.12
	Jun	99.99	34.91	15.00	28.000		35%	78%	-22.08
	Jul	100.37	34.91	15.00	28.000		35%	78%	-22.46
	Aug	98.02	34.91	15.00	28.000		36%	79%	-20.11
	Sep	98.15	34.91	15.00	28.000		36%	79%	-20.24
	Oct	102.84	34.91	15.00	28.000		34%	76%	-24.93
	Nov	99.47	34.91	15.00	28.000		35%	78%	-21.56
	Dec	96.34	34.91	15.00	28.000		36%	81%	-18.43
2028	Jan	93.18	34.91	15.00	28.000		37%	84%	-15.27
	Feb	87.76	34.91	15.00	28.000		40%	89%	-9.85
	Mar	100.45	34.91	15.00	28.000		35%	78%	-22.54
	Apr	104.51	34.91	15.00	28.000		33%	75%	-26.60
	May	112.51	34.91	15.00	28.000		31%	69%	-34.60
	Jun	105.11	34.91	15.00	28.000		33%	74%	-27.20
	Jul	105.51	34.91	15.00	28.000		33%	74%	-27.60
	Aug	103.04	34.91	15.00	28.000		34%	76%	-25.13
	Sep	103.17	34.91	15.00	28.000		34%	76%	-25.26
	Oct	108.11	34.91	15.00	28.000		32%	72%	-30.20

	Nov	104.56	34.91	15.00	28.000		33%	75%	-26.65
	Dec	101.27	34.91	15.00	28.000		34%	77%	-23.36
2029	Jan	97.72	34.91	15.00	28.000		36%	80%	-19.81
	Feb	92.03	34.91	15.00	28.000		38%	85%	-14.12
	Mar	105.34	34.91	15.00	28.000		33%	74%	-27.43
	Apr	109.61	34.91	15.00	28.000		32%	71%	-31.69
	May	117.99	34.91	15.00	28.000		30%	66%	-40.08
	Jun	110.23	34.91	15.00	28.000		32%	71%	-32.32
	Jul	110.65	34.91	15.00	28.000		32%	70%	-32.74
	Aug	108.06	34.91	15.00	28.000		32%	72%	-30.15
	Sep	108.20	34.91	15.00	28.000		32%	72%	-30.29
	Oct	113.37	34.91	15.00	28.000		31%	69%	-35.46
	Nov	109.66	34.91	15.00	28.000		32%	71%	-31.74
	Dec	106.20	34.91	15.00	28.000		33%	73%	-28.29
2030	Jan	102.26	34.91	15.00	28.000		34%	76%	-24.35
	Feb	96.31	34.91	15.00	28.000		36%	81%	-18.40
	Mar	110.23	34.91	15.00	28.000		32%	71%	-32.32
	Apr	114.70	34.91	15.00	28.000		30%	68%	-36.79
	May	123.48	34.91	15.00	28.000		28%	63%	-45.56
	Jun	115.36	34.91	15.00	28.000		30%	68%	-37.44
	Jul	115.79	34.91	15.00	28.000		30%	67%	-37.88
	Aug	113.08	34.91	15.00	28.000		31%	69%	-35.16
	Sep	113.23	34.91	15.00	28.000		31%	69%	-35.31
	Oct	118.64	34.91	15.00	28.000		29%	66%	-40.73
	Nov	114.75	34.91	15.00	28.000		30%	68%	-36.84
	Dec	111.13	34.91	15.00	28.000		31%	70%	-33.22

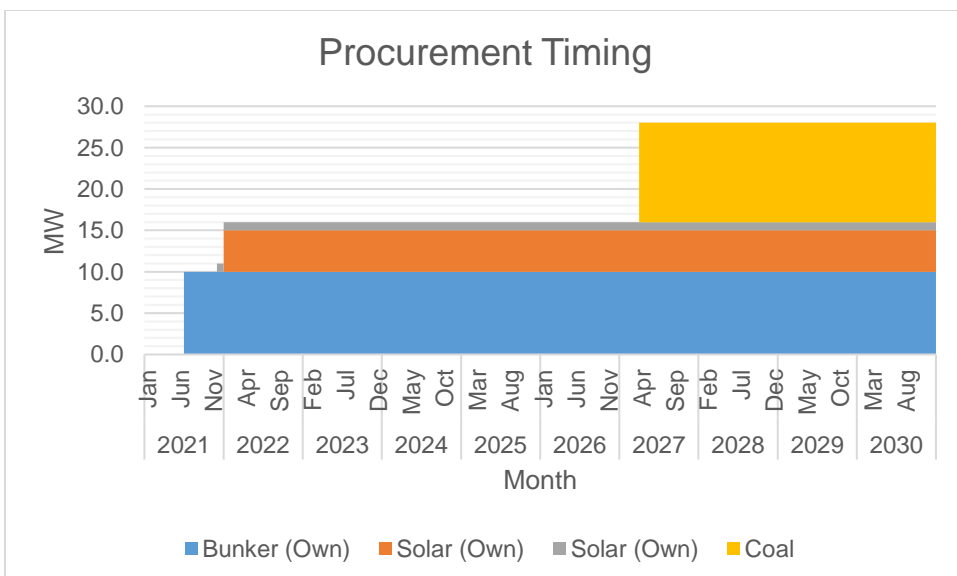
The Peak Demand was forecasted using NEA calculator and was assumed to occur on the month of May due to summer season. Monthly Peak Demand is at its lowest on the month of February due to cold weather. In general, Peak Demand is expected to grow at a rate of 6 % annually.



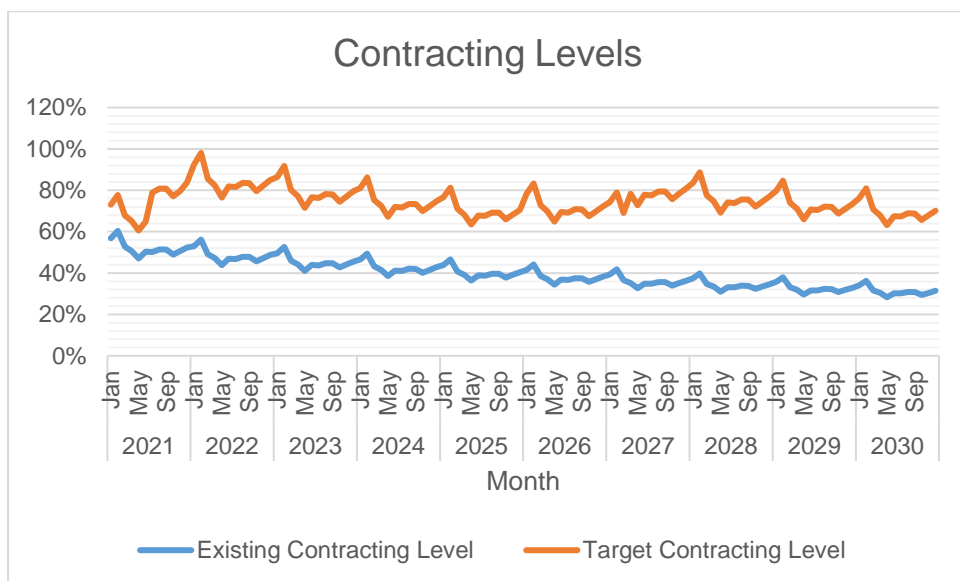
The available supply is generally below the Peak Demand. This is because our load factor is around 71%.



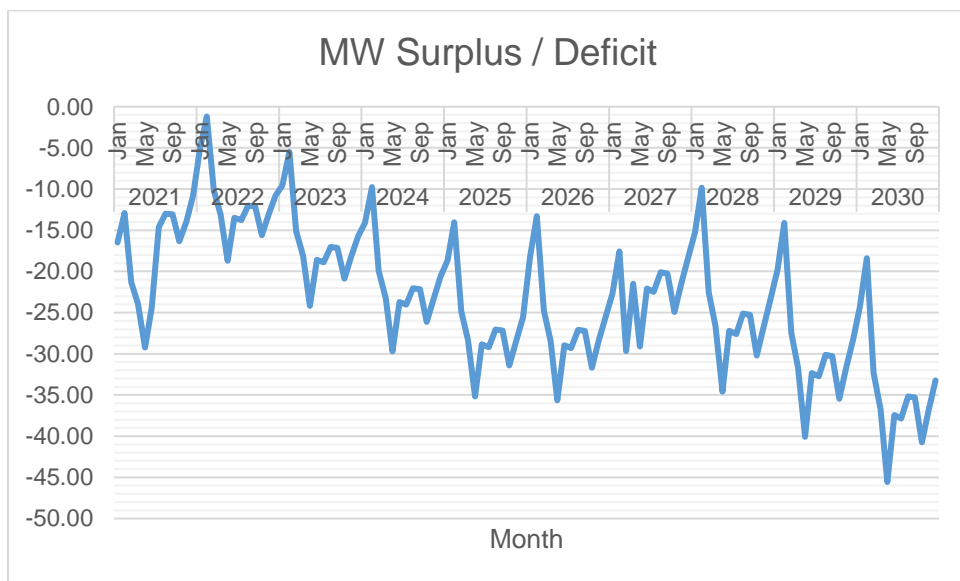
Of the available supply, the largest is 22 MW from GMCP/GMEC. This is followed by 12.911 MW from SCPC.



The first wave of supply procurement will be for 10 MW planned to be available by the month of July 2021. This will be followed by 1MW by December 2021



Currently, there is under-contracting by 31 %. The highest target contracting level is 81.24% which is expected to occur on July 2021. The lowest target contracting level is 22% which is expected to occur on February 2020. We considered the RES and CCs loads ready to switch until April 2021 with an average load of 9 MW.



Currently, there is under-contracting by 20 MW. The highest deficit is 20 MW which is expected to occur on the month of May. The lowest deficit is 7 MW which is expected to occur on the month of February. . We considered the RES and CCs loads ready to switch until April 2021 with an average load of 9 MW

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	33,981	33,582	3,884	-10.25%	10.37%
	Feb	31,343	32,098	2,544	-10.53%	7.34%
	Mar	33,577	34,300	2,388	-9.27%	6.51%
	Apr	37,146	37,721	2,542	-8.39%	6.31%

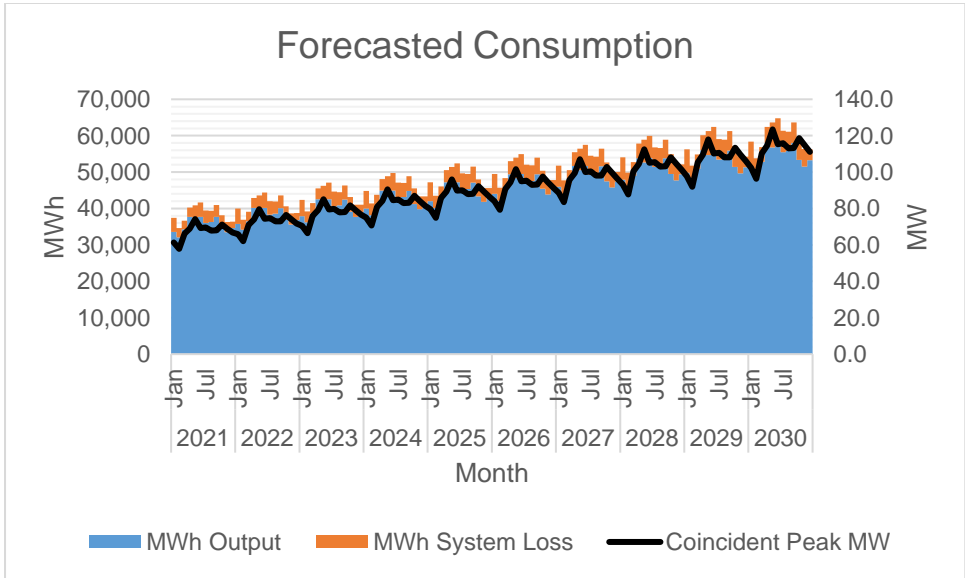
	May	37,783	36,876	3,996	-8.17%	9.78%
	Jun	38,627	37,749	3,886	-7.79%	9.33%
	Jul	36,629	36,018	3,435	-7.71%	8.71%
	Aug	36,178	36,260	3,083	-8.75%	7.84%
	Sep	37,813	37,665	3,271	-8.26%	7.99%
	Oct	35,501	34,652	3,470	-7.39%	9.10%
	Nov	33,472	33,464	2,813	-8.38%	7.75%
	Dec	33,679	34,604	1,761	-7.97%	4.84%
2022	Jan	36,227	35,741	4,214	-10.29%	10.55%
	Feb	33,414	34,161	2,761	-10.50%	7.48%
	Mar	35,796	36,505	2,591	-9.22%	6.63%
	Apr	39,601	40,146	2,758	-8.34%	6.43%
	May	40,280	39,246	4,335	-8.20%	9.95%
	Jun	41,179	40,175	4,216	-7.80%	9.50%
	Jul	39,050	38,333	3,727	-7.71%	8.86%
	Aug	38,569	38,590	3,346	-8.73%	7.98%
	Sep	40,312	40,086	3,549	-8.25%	8.13%
	Oct	37,847	36,879	3,765	-7.39%	9.26%
	Nov	35,684	35,615	3,052	-8.36%	7.89%
	Dec	35,905	36,828	1,910	-7.89%	4.93%
2023	Jan	38,440	37,867	4,541	-10.32%	10.71%
	Feb	35,455	36,193	2,975	-10.47%	7.59%
	Mar	37,983	38,677	2,793	-9.18%	6.73%
	Apr	42,020	42,533	2,972	-8.29%	6.53%
	May	42,741	41,580	4,672	-8.22%	10.10%
	Jun	43,695	42,565	4,543	-7.81%	9.64%
	Jul	41,436	40,613	4,016	-7.71%	9.00%
	Aug	40,925	40,886	3,605	-8.71%	8.10%
	Sep	42,774	42,471	3,825	-8.23%	8.26%
	Oct	40,159	39,073	4,058	-7.40%	9.41%
	Nov	37,864	37,734	3,289	-8.34%	8.02%
	Dec	38,098	39,019	2,059	-7.82%	5.01%
2024	Jan	40,616	39,956	4,864	-10.35%	10.85%
	Feb	37,462	38,190	3,186	-10.45%	7.70%
	Mar	40,133	40,811	2,991	-9.14%	6.83%
	Apr	44,399	44,881	3,183	-8.25%	6.62%
	May	45,161	43,875	5,004	-8.23%	10.24%
	Jun	46,169	44,914	4,866	-7.82%	9.78%
	Jul	43,781	42,854	4,302	-7.71%	9.12%
	Aug	43,242	43,142	3,862	-8.70%	8.22%
	Sep	45,196	44,814	4,097	-8.22%	8.38%
	Oct	42,432	41,229	4,346	-7.41%	9.54%
	Nov	40,007	39,816	3,522	-8.33%	8.13%
	Dec	40,255	41,172	2,205	-7.76%	5.08%
2025	Jan	42,754	42,008	5,182	-10.37%	10.98%
	Feb	39,434	40,151	3,395	-10.43%	7.80%
	Mar	42,245	42,906	3,187	-9.11%	6.91%
	Apr	46,736	47,185	3,391	-8.22%	6.71%
	May	47,537	46,127	5,331	-8.25%	10.36%

	Jun	48,598	47,220	5,184	-7.83%	9.89%
	Jul	46,085	45,054	4,583	-7.71%	9.23%
	Aug	45,517	45,357	4,114	-8.69%	8.32%
	Sep	47,574	47,115	4,365	-8.21%	8.48%
	Oct	44,665	43,346	4,630	-7.41%	9.65%
	Nov	42,112	41,860	3,753	-8.31%	8.23%
	Dec	42,374	43,286	2,349	-7.70%	5.15%
2026	Jan	44,851	44,020	5,494	-10.40%	11.10%
	Feb	41,368	42,075	3,600	-10.41%	7.88%
	Mar	44,317	44,962	3,379	-9.08%	6.99%
	Apr	49,029	49,445	3,596	-8.18%	6.78%
	May	49,869	48,337	5,653	-8.26%	10.47%
	Jun	50,983	49,482	5,497	-7.84%	10.00%
	Jul	48,346	47,213	4,860	-7.71%	9.33%
	Aug	47,750	47,530	4,362	-8.67%	8.41%
	Sep	49,908	49,373	4,628	-8.20%	8.57%
	Oct	46,856	45,423	4,910	-7.42%	9.75%
	Nov	44,179	43,866	3,979	-8.30%	8.32%
	Dec	44,453	45,360	2,491	-7.64%	5.21%
2027	Jan	46,909	45,994	5,801	-10.42%	11.20%
	Feb	43,266	43,962	3,801	-10.39%	7.96%
	Mar	46,351	46,978	3,568	-9.05%	7.06%
	Apr	51,278	51,663	3,797	-8.16%	6.85%
	May	52,157	50,505	5,969	-8.28%	10.57%
	Jun	53,322	51,701	5,805	-7.85%	10.09%
	Jul	50,564	49,330	5,131	-7.71%	9.42%
	Aug	49,941	49,661	4,606	-8.66%	8.49%
	Sep	52,198	51,587	4,887	-8.19%	8.65%
	Oct	49,006	47,460	5,184	-7.42%	9.85%
	Nov	46,205	45,833	4,202	-8.29%	8.40%
	Dec	46,492	47,394	2,630	-7.60%	5.26%
2028	Jan	48,927	47,931	6,103	-10.44%	11.30%
	Feb	45,128	45,812	3,999	-10.38%	8.03%
	Mar	48,345	48,956	3,754	-9.03%	7.12%
	Apr	53,485	53,838	3,994	-8.13%	6.91%
	May	54,402	52,631	6,280	-8.29%	10.66%
	Jun	55,616	53,877	6,107	-7.85%	10.18%
	Jul	52,740	51,407	5,398	-7.71%	9.50%
	Aug	52,090	51,752	4,846	-8.65%	8.56%
	Sep	54,444	53,758	5,141	-8.18%	8.73%
	Oct	51,115	49,458	5,454	-7.43%	9.93%
	Nov	48,194	47,762	4,420	-8.28%	8.47%
	Dec	48,493	49,389	2,767	-7.56%	5.31%
2029	Jan	50,908	49,830	6,400	-10.45%	11.38%
	Feb	46,955	47,627	4,193	-10.36%	8.09%
	Mar	50,302	50,896	3,936	-9.00%	7.18%
	Apr	55,649	55,971	4,188	-8.10%	6.96%
	May	56,604	54,717	6,585	-8.30%	10.74%
	Jun	57,867	56,012	6,403	-7.86%	10.26%

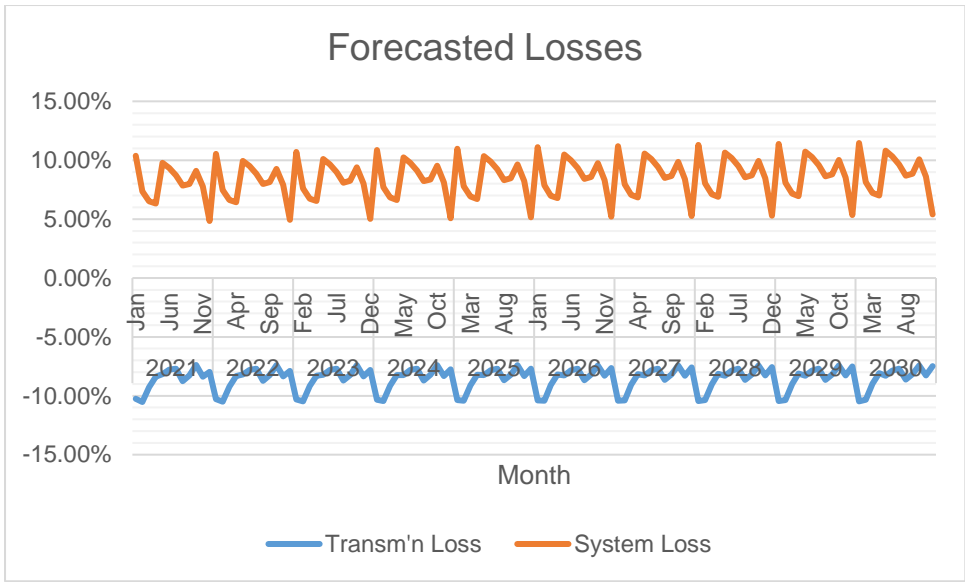
	Jul	54,875	53,444	5,660	-7.71%	9.58%
	Aug	54,199	53,803	5,081	-8.64%	8.63%
	Sep	56,648	55,888	5,391	-8.18%	8.80%
	Oct	53,184	51,417	5,719	-7.43%	10.01%
	Nov	50,144	49,655	4,635	-8.27%	8.54%
	Dec	50,455	51,346	2,902	-7.52%	5.35%
2030	Jan	52,851	51,693	6,691	-10.47%	11.46%
	Feb	48,747	49,408	4,383	-10.35%	8.15%
	Mar	52,222	52,799	4,115	-8.98%	7.23%
	Apr	57,773	58,064	4,379	-8.08%	7.01%
	May	58,764	56,763	6,884	-8.31%	10.82%
	Jun	60,076	58,107	6,694	-7.87%	10.33%
	Jul	56,969	55,442	5,918	-7.71%	9.64%
	Aug	56,267	55,815	5,312	-8.64%	8.69%
	Sep	58,810	57,978	5,636	-8.17%	8.86%
	Oct	55,214	53,340	5,979	-7.44%	10.08%
	Nov	52,058	51,512	4,846	-8.26%	8.60%
	Dec	52,381	53,266	3,034	-7.48%	5.39%

MWh Offtake was forecasted using NEA Calculator. The assumed load factor is 70%.

System Loss was calculated through a Load Flow Study conducted on February 2021 by TSD Analysts using Synergy software. Based on the same study, the Distribution System can adequately convey electricity to customers.



MWh Output was expected to grow at a rate of 5% annually.



Transmission Loss is expected to range from 27.30 % to 8.57 % while System Loss is expected to range from 8.09% to 8.71%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2007-121RC	Base	GN Power Mariveles Coal Plant Ltd.	22.00	134,904	2/25/2014	2/25/2029
2015-117RC	Base	SMC Consolidated Power Corporation	12.91	113,100	6/26/2018	6/25/2028

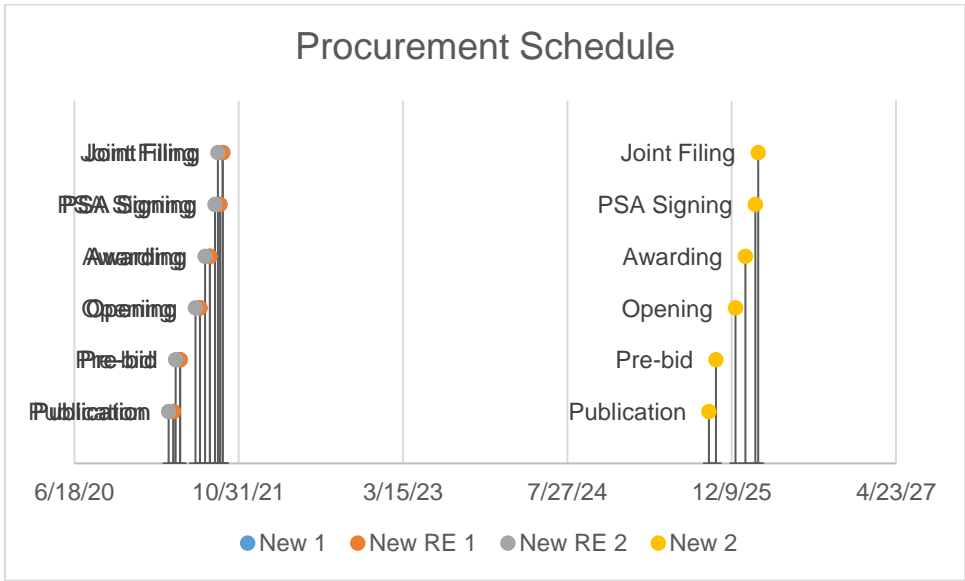
The PSA with GMCP/GMEC filed with ERC under Case No. 2007-121RC was procured through CSP. It was selected to provide for base requirements since our load customers has only 70 LF. Historically, the utilization of the PSA is 81% for 2020 with temporary increased in capacity by 5 MW for the whole 2020. The actual billed overall monthly charge under the PSA ranged from 4.10 P/kWh to 5.09 P/KWh in the same period.

The PSA with SCPC filed with ERC under Case No. 2015-117RC was procured through CSP. It was selected to provide for base requirements since our load customers has only 70 LF. Historically, the utilization of the PSA is 100% with additional temporary capacity of 5 to 10MW for 2020 (Jan to Feb: 5 MW; Mar. to Aug.: 10 MW and Nov. to Dec.: 5 MW) The actual billed overall monthly charge under the PSA ranged from 3.61 P/kWh to 5.59 P/KWh in the same period.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2016-031 RC	Base	GNPD	10.00	56,940	12/26/2020	12/25/2040

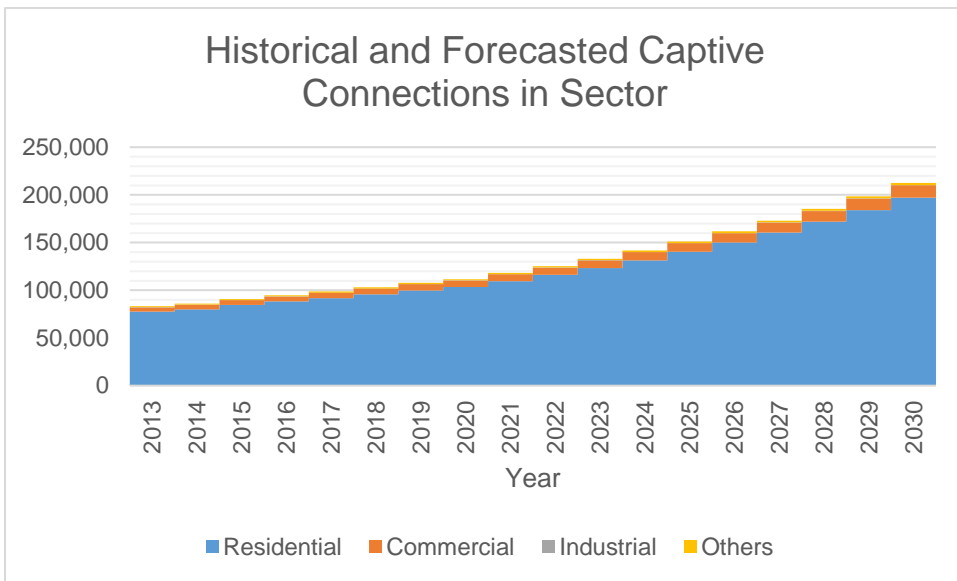
The PSA with GNPD filed with ERC under Case No. 2016-031 RC was procured through CSP. It was selected to provide for base requirements. This PSA moved commercially starting on 26 December 2020.

	New 1	New RE 1	New RE 2	New 2
Type	Peaking	Peaking	Peaking	Intermediate
Minimum MW	10.00	5.00	1.00	12.00
Minimum MWh/yr	24,000	7,446	1,489	68,328
PSA Start	6/26/2021	12/26/2021	11/26/2021	3/26/2026
PSA End	6/25/2036	12/25/2036	11/25/2036	3/25/2041
Publication	4/15/2021	4/15/2021	4/1/2021	10/1/2025
Pre-bid	5/6/2021	5/6/2021	4/22/2021	10/22/2025
Opening	7/5/2021	7/5/2021	6/21/2021	12/21/2025
Awarding	8/4/2021	8/4/2021	7/21/2021	1/20/2026
PSA Signing	9/3/2021	9/3/2021	8/20/2021	2/19/2026
Joint Filing	9/12/2021	9/12/2021	8/29/2021	2/28/2026



For the procurement of 10MW of supply which is planned to be available on June 26, 2021.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 5% annually. Said customer class is expected to account for 51% of the total consumption by 2022.